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23122 7590 03/21/2005

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Danielle Murphy (Depositor's name)  
Danielle Murphy (Signature)  
April 21, 2005 (Date)

04/21/2005 NGBREME 00000062 10821219

01 FC:1501 1400.00 OP  
02 FC:1504 300.00 OP  
03 FC:8001 30.00 OP

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/821,219	04/08/2004	Masso Nakano	AOY-3976US	9565

TITLE OF INVENTION: SEMICONDUCTOR COOLING DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	06/21/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
ALI, MOHAMMAD M	3744	062-259200

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

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Matsushita Electric Industrial Co., Ltd. Osaka, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
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☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 18-0350 (enclose an extra copy of this form).

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- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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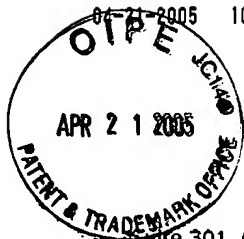
Authorized Signature Lawrence E. Ashery  
Typed or printed name Lawrence E. Ashery

Date April 21, 2005

Registration No. 34,515

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## FAX FILING IN U.S. PATENT & TRADEMARK OFFICE

DATE: April 21, 2005

TIME: \_\_\_\_\_

TO:	USPTO	FAX NO.:	703-746-4000
FROM:	Lawrence E. Ashery	ADMIN. ASST.:	Danielle Murphy
APPLN. NO.:	10/821,219	ATTY. DOCKET NO.:	AOY-3976US
TITLE OF APPLN.: SEMICONDUCTOR COOLING DEVICE			
FILING DATE:	April 8, 2004	ART UNIT:	3744
FIRST INVENTOR:	Masao Nakano et al.	CONF. NO.:	9565
TITLE OF DOCUMENT (and List of Attachments): Issue Fee Transmittal; PTO Fax Cover Sheet, Transmittal document; PTO Form 2038			

Total Number of Pages: 4 (including this form)

### COMMENTS

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PTO/SB/21 (09-04) (AW 10/2004)

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/821,219
	Filing Date	April 8, 2004
	First Named Inventor	M. Nakano et al.
	Art Unit	3744
	Examiner Name	M. M. Ali
Total Number of Pages in This Submission	Attorney Docket No.	AOY-3976US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
Firm Name	RatnerPrestia		
Signature			
Printed Name	Lawrence E. Ashery		
Date	April 21, 2005	Registration No.	34,515

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Signature			
Typed or Printed Name	Danielle Murphy	Date	April 21, 2005

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